Abstract

In this paper, the purpose and the goal of the paper are to introduce a framework based on Geodatabase concept for the integration of geographic information of Khartoum State infrastructure network facilities. The main result obtained by the research is the development of a framework based on Geodatabase concept for the integration of geographic information of Khartoum State infrastructure network facilities.
geodatabase of Khartoum State base map and facilities networks were completed by creating Multitask object oriented geodatabase using ArCatalog. A search engine code was written and tested ninety presents successful. The integration of information was available to exchange information between different Corporations to solve any problem that may damage the network facilities and to help managing and adding any new services on the site. The paper recommends the Building of multi-user unified geodatabase connected to a wide area network to service the concerned enterprise.

References


**Index Terms**

Computer Science Information Systems

**Keywords**

GIS Geodatabase Water Network ArcGIS KS GML